



Water-Data Report 2008

394256075101001 Local number 151208 AG02 NJ Permit Number 31-49627

Northern Atlantic Coastal Plain aquifer system
Cohansey Sand-Kirkwood Formation

Gloucester County, NJ

LOCATION.--Lat 39°43'02.6", long 75°10'12.4" referenced to North American Datum of 1983, Harrison Township, Gloucester County, NJ, Hydrologic Unit 02040202, at Heritage Farm, Elmer-Barnsboro Rd., Richwood.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 33 ft. Upper casing diameter 2 in; top of first opening 31 ft, bottom of last opening 33 ft. Drilled water-table well.

DATUM.--Land-surface datum is 140 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of protective casing, 2.95 ft above land-surface datum, Feb. 3, 1997, to present.

PERIOD OF RECORD.--Dec. 1996 to current year.

GAGE.--Submersible logger pressure transducer--60 minute recording interval.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 21.01 ft below land surface, Mar. 26, Apr. 12-13, 1997; lowest, 28.61 ft below land surface, Nov. 17, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24.27	24.92	25.37	25.63	25.41	25.04	24.57	24.61	24.80	24.95	25.17	25.26
2	24.29	24.94	25.38	25.64	25.40	25.03	24.58	24.61	24.81	24.95	25.18	25.27
3	24.32	24.94	25.39	25.65	25.39	25.02	24.57	24.61	24.82	24.94	25.19	25.27
4	24.34	24.96	25.40	25.64	25.38	25.00	24.54	24.63	24.82	24.93	25.20	25.29
5	24.37	24.98	25.42	25.63	25.36	24.99	24.55	24.64	24.83	24.92	25.21	25.30
6	24.39	24.99	25.44	25.63	25.35	24.99	24.54	24.65	24.83	24.90	25.22	25.31
7	24.42	25.01	25.45	25.63	25.35	24.97	24.54	24.65	24.83	24.91	25.22	25.33
8	24.44	25.03	25.46	25.62	25.34	24.95	24.54	24.66	24.83	24.91	25.23	25.34
9	24.46	25.04	25.47	25.61	25.33	24.97	24.53	24.66	24.83	24.91	25.23	25.35
10	24.48	25.06	25.48	25.62	25.32	24.95	24.53	24.68	24.84	24.92	25.24	25.36
11	24.50	25.08	25.50	25.60	25.32	24.93	24.51	24.68	24.84	24.93	25.23	25.38
12	24.53	25.09	25.50	25.60	25.31	24.91	24.49	24.69	24.85	24.93	25.22	25.38
13	24.56	25.10	25.51	25.59	25.29	24.89	24.50	24.72	24.85	24.93	25.22	25.39
14	24.58	25.11	25.53	25.58	25.29	24.87	24.51	24.72	24.84	24.94	25.23	25.40
15	24.61	25.13	25.54	25.58	25.28	24.86	24.52	24.72	24.84	24.97	25.25	25.41
16	24.63	25.15	25.54	25.58	25.27	24.84	24.52	24.71	24.85	24.98	25.25	25.43
17	24.64	25.17	25.56	25.57	25.25	24.83	24.51	24.73	24.86	24.99	25.26	25.44
18	24.66	25.18	25.58	25.55	25.23	24.81	24.51	24.73	24.86	25.01	25.26	25.45
19	24.68	25.20	25.58	25.55	25.22	24.77	24.51	24.74	24.87	25.02	25.27	25.46
20	24.70	25.21	25.59	25.55	25.21	24.75	24.52	24.74	24.88	25.03	25.28	25.46
21	24.73	25.22	25.59	25.55	25.20	24.74	24.54	24.75	24.88	25.04	25.27	25.47
22	24.75	25.23	25.60	25.53	25.18	24.71	24.54	24.76	24.89	25.05	25.25	25.48
23	24.77	25.26	25.59	25.51	25.16	24.70	24.54	24.77	24.89	25.07	25.26	25.49
24	24.79	25.27	25.61	25.51	25.14	24.68	24.55	24.77	24.90	25.09	25.26	25.50
25	24.81	25.29	25.62	25.50	25.12	24.66	24.55	24.78	24.90	25.10	25.27	25.51
26	24.83	25.30	25.62	25.48	25.09	24.64	24.56	24.78	24.90	25.10	25.26	25.52
27	24.85	25.31	25.62	25.47	25.08	24.63	24.57	24.78	24.91	25.11	25.23	25.53
28	24.87	25.33	25.63	25.45	25.07	24.61	24.56	24.80	24.92	25.12	25.19	25.53
29	24.88	25.34	25.63	25.44	25.06	24.62	24.57	24.80	24.93	25.13	25.18	25.55
30	24.89	25.36	25.63	25.43	---	24.61	24.60	24.80	24.93	25.14	25.20	25.55
31	24.91	---	25.64	25.43	---	24.59	---	24.79	---	25.15	25.23	---
Mean	24.61	25.14	25.53	25.56	25.26	24.82	24.54	24.71	24.86	25.00	25.23	25.41
Max	24.91	25.36	25.64	25.65	25.41	25.04	24.60	24.80	24.93	25.15	25.28	25.55
Min	24.27	24.92	25.37	25.43	25.06	24.59	24.49	24.61	24.80	24.90	25.17	25.26

Water Year 2008	
Mean	25.06
High	24.27
Low	25.65

